

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Serial No.: 09/190,207
Filed: November 13, 1998
Group Art Unit: 2643
Examiner: Ray, Lonnie L.
Atty Docket No.: Chen 4
Our Ref.: 73-853

6/A
Sme
7/28/02

IN RE PATENT APPLICATION OF:

CHEN

TITLE: **METHOD AND APPARATUS FOR REGULARIZING MEASURED HRTF
FOR SMOOTH 3D DIGITAL AUDIO**

July 24, 2002

AMENDMENT

Director of the US Patent and Trademark Office
Washington, D.C. 20231

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Technology Center 2600

Sir:

Responsive to the Office Action dated April 24, 2002, please enter
the following amendments and remarks in the subject application:

IN THE CLAIMS:

Kindly amend the claims as follows:

Clean Set of Claims

1. A time domain head-related transfer function model for use with
3D sound applications, comprising:
- a plurality of Eigen filters;
 - a plurality of time domain spatial characteristic functions are
adaptively combined with said plurality of Eigen filters; and
 - a plurality of regularizing models adapted to regularize said plurality
of time domain spatial characteristic functions prior to said respective
combination with said plurality of Eigen filters.

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER (Large Entity)

Application Number: 09/190,207

Group Art Unit: 2643

Filed: November 13, 1998

Examiner Name: Ray

Applicant: Chen

Attorney Docket Number: Chen 4

TITLE: **METHOD AND APPARATUS FOR REGULARIZING MEASURED HRTF FOR SMOOTH 3D DIGITAL AUDIO**

Total Number of Pages in this Submission: 12

**DIRECTOR OF US PATENT AND TRADEMARK OFFICE
WASHINGTON, DC 20231**

SIR:

Transmitted herewith are
an amendment in the above-identified application (12 Pages)

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The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER Amendment	HIGHEST # PREV. PAID FOR	# OF EXTRA CLAIMS	RATE	ADDITIONAL FEE
Total Claims	12	12	0	x \$18 =	\$ 0.00
Independent Claims	6	6	0	x \$84 =	\$ 0.00
Multiple Dependent Claim(s), if applicable				x \$280 =	
TOTAL ADDITIONAL FEE:					\$ 0.00

The Commissioner is hereby authorized to charge any additional fees required under 37 C.F.R. 1.16 or any patent application processing fees under 37 C.F.R. 1.17 associated with this communication, or credit any over payment to **Deposit Account No. 50-0687 under Order No. 73-853.**

Respectfully submitted,

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Attorney for Applicant(s)

Date: July 24, 2002

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